

Figure 5

Sequence to be analysed (polymerase template)

3' HO-ApTpGpCpApApTpCpCpGpApTpGpApCpTpGpApGpCpCpApTpCpG 5'
 (SEQ ID NO: 1)

Primer

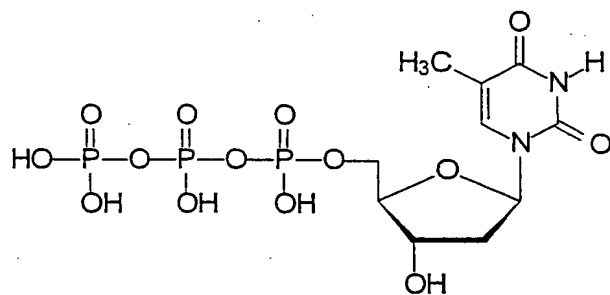
5' TpApCpGpTpTpApGpGpC-OH 3' (SEQ ID NO: 2)

+



3' HO-ApTpGpCpApApTpCpCpGpApTpGpApCpTpGpApGpCpCpApTpCpG 5'
 5' TpApCpGpTpTpApGpGpC-OH 3'

DNA Polymerase



5' Thymidine triphosphate

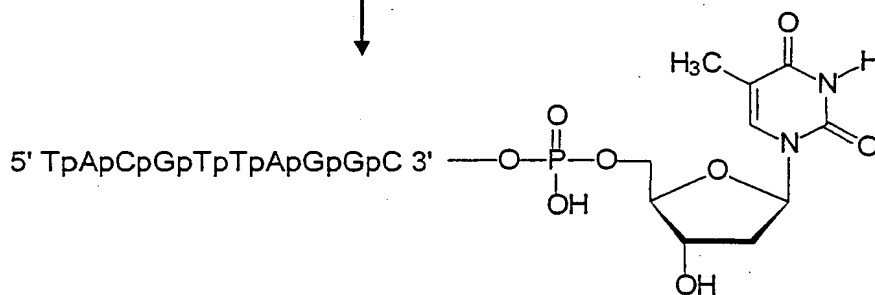


Figure 6

Sequence to be analysed (polymerase template)

3' HO-ApTpGpCpApApTpCpCpGpApTpGpApCpTpGpApGpCpCpApTpCpG 5'
 (SEQ ID NO: 1)

Primer

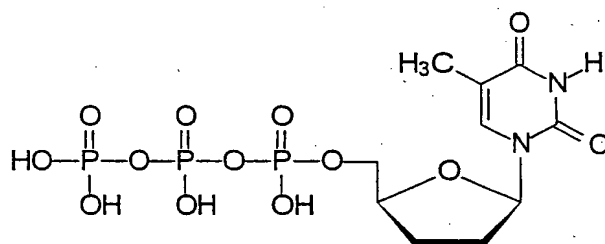
5' TpApCpGpTpTpApGpGpC-OH 3' (SEQ ID NO: 2)

+

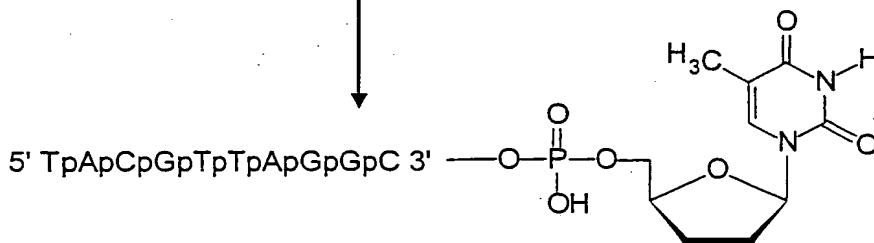


3' HO-ApTpGpCpApApTpCpCpGpApTpGpApCpTpGpApGpCpCpApTpCpG 5'
 5' TpApCpGpTpTpApGpGpC-OH 3'

DNA Polymerase



3'-deoxythymidine 5'-triphosphate



The newly synthesized chain no longer contains 3' OH
 required to attach the next nucleotide